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layers.

ADVANTAGE - Dry, nano-porous dielectrics which do not collapse on formation, are obtained (claimed). Intermediate steps using surface modification (claimed) or supercritical drying to prevent pore collapse, as in prior art, are not required for the production of both bulk and thin film aerogels. Nano-porous dielectrics can be formed at room temperature and atmospheric pressure. Thus the process is more simple and cost effective than prior art methods. Resulting porosities can be adjusted to suit the end application.

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 TI Low volatility nanoporous aerogel precursor sol containing polyol as solvent - eliminates need for supercritical drying in the manufacture of bulk and thin film aerogels.
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 IN ACKERMAN, W C; GNADE, B E; JENG, S; JOHNSTON, G P; MASKARA, A; RAMOS, T; SMITH, D M; STOLTZ, R A; MASAKARA, A; CHANGMING, J; CHO, C; JOHNSTON, G C
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